

What is claimed is:

1. An electronic key system for a vehicle which includes a control apparatus mounted on an actual vehicle and an electronic key for transmitting a response signal in response to receiving of a request signal transmitted from said control apparatus through a transmitting antenna, characterized in that

said transmitting antenna is installed on an instrument panel of said actual vehicle or in the proximity of said instrument panel of said actual vehicle.

2. An electronic key system for a vehicle according to claim 1, characterized in that

said instrument panel has various instruments and a board for securing said instruments thereto, and said transmitting antenna is provided on said board.

3. An electronic key system for a vehicle according to claim 2, characterized in that

said transmitting antenna is installed at a position on said board rather near to a seat.

4. An electronic key system for a vehicle according to claim 1, where a shade is mounted around said instrument panel, said transmitting antenna is installed on said shade.

5. An electronic key system for a vehicle according to claim 4, characterized in that  
said shade is made of a resin.

5 6. An electronic key system for a vehicle according to claim 4, characterized in that  
said transmitting antenna is installed on an inner wall surface of said shade.